

4 09/348,980

| | | | |
|--|--|-----------------|------------|
| U.S. Department of Commerce, Patent and Trademark Office | | Atty Docket No. | Serial No. |
| | | M-6043 US | Unknown |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Applicant(s) | |
| (Use several sheets if necessary) | | Liu, Zhongdu | |
| | | Filing Date | Group |
| | | Herewith | Unknown |

U.S. Pat. & Tm. Office
09/348980
01/07/93

| U.S. Patent Documents | | | | | | | |
|-----------------------|----|-----------------|----------|----------------|-------|----------|----------------------------|
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| 2 | AA | 4,264,831 | 4/28/81 | Wern | 307 | 252 H | |
| | AB | 4,250,432 | 2/10/81 | Kohler | 315 | 291 | |
| | AC | 3,660,688 | 5/2/72 | Evans et al. | 307 | 252 W | |
| | AD | 4,703,194 | 10/27/87 | Brovelli | 307 | 116 | |
| | AE | 4,672,229 | 6/9/87 | Skarman et al. | 307 | 115 | |
| | AF | 5,030,890 | 7/9/91 | Johnson | 315 | 208 | |
| | AG | 5,550,463 | 8/27/96 | Coveley | 323 | 300 | |
| | AH | 4,651,022 | 3/17/87 | Cowley | 307 | 116 | |
| | AI | 4,246,494 | 1/20/81 | Foreman et al. | 307 | 116 | |
| | AJ | 4,119,864 | 10/10/78 | Petrizio | 307 | 116 | |
| 2 | AK | 3,679,910 | 7/25/72 | Williams | 307 | 252 W | |

| Foreign Patent Documents | | | | | | | |
|--------------------------|----|----------|------|---------|-------|----------|-------------|
| | | | | | | | Translation |
| | | Document | Date | Country | Class | Subclass | Yes No |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

| | |
|--|--|
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | |
| AQ | |
| AR | |
| AS | |
| Examiner | FRITZ FLEMING PRIMARY EXAMINER GROUP 2100 Date Considered 7-16-2001 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

| | | | | | | | | |
|---|----|---|-----------------|------------|-----------------|----------|----------------------------|--------------------------|
| U.S. Department of Commerce, Patent and Trademark Office | | | | | Atty Docket No. | | Serial No. | |
| | | | | | M-6043 US | | Unknown | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | Applicant(s) | | | |
| (Use several sheets if necessary) | | | | | Liu | | | |
| | | | | | Filing Date | | Group | |
| | | | | | Herewith | | Unknown | |
| U.S. Patent Documents | | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate | |
| fz | AA | 4,731,548 | 3/15/88 | Ingraham | 307 | 116 | | |
| ↑ | AB | 4,360,737 | 11/23/82 | Leopold | 307 | 116 | | |
| ↓ | AC | 4,289,980 | 9/15/81 | McLaughlin | 307 | 308 | | |
| fz | AD | 4,289,972 | 9/15/81 | Wern | 307 | 116 | | |
| | AE | | | | | | | |
| | AF | | | | | | | |
| | AG | | | | | | | |
| | AH | | | | | | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| Foreign Patent Documents | | | | | | | | |
| | | | | | | | Translation | |
| | | Document | Date | Country | Class | Subclass | Yes | No |
| | AL | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AM | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AN | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AO | | | | | | | |
| | AP | | | | | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | AR | | | | | | | |
| | AS | | | | | | | |
| | AT | FRITZ FLEMING PRIMARY EXAMINER GROUP 2100 | | | | | | |
| Examiner | | | Date Considered | | | | | |
| | | | 7-16-2001 | | | | | |
| *EXAMINER Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant. | | | | | | | | |